APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Influence of Non-Uniform Distribution and of Radial Diffusion on the Separation Efficiency of Packed Columns, by P. Flatt.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, No 3, 1966, pp 254-259.
Chem Trans Sv No 2830

Sci-Chem
Mar 67

320,901

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Pressure Loss at Sieve Plates on Operation Without Liquid, by F. Kneule, E. Zolfol.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, 1966, pp 260-264.
Chem Trans Sv No 2832

Sci-Chem
Mar 67

320,903

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Equilibrium Between Gaseous and Liquid Phases in Multicomponent Mixtures, by O. Nagel, R. Sinn.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, 1966, pp 265-274.
Chem Trans Sv No 2831

Sci-Chem
Mar 67

320,902

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Comminutuon Experiments with Tribolumines- Cent Substances, by H. Kurten.
GERMAN, per, Chemie Ingenieur-Technik, vol. 38, no. 3, 1966, pp. 331-342.
NTC 71-10978-07A

August 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Use of a Thermionic Halogen Detector in Gas Chromatography, by E. Cramer. GERMAN, per, Chemie Ing. Techn. Vol 38, 1966, pp 380-383.
Chem Trans Sv 2827

319,951

Sci - Chemistry
Mar 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Economic Criteria for Evaluating the Obsolescence (Overhauling) of Chemical Plants (Part I), by H. Kolbel, J. Schulze. GERMAN, per, Chem Ing Techn, Vol XXXVIII, No 4, 1966, pp 397-403.
Chem Trans Sv No 2737

Sci-Chem
Mar 67

320,893

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

New Stainless and Corrosion Resistant Austenitic Steels for Chemical Plant Construction: Mechanical Properties and Corrosion Resistance, by H. Spahn. GERMAN, per, Chemie-Ing. Techn., Vol 38, No 4, 1966, pp 407-417.
BISI 4986

Sci/Mat
June 68

358,472

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Lowering of the Current Costs of Hydrochloric Acid Electrolysis, by E. Donges, H. G. Janson.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, 1966, pp443-445.
Chem Trans Sv No 2826

Sci-Chem
Mar 67

322,192

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Materials of Construction Problems Encountered in Several New Processes for the Production of Electric Current, by K. Sagel.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, No 5, 1966, pp 509-514.
Chem Trans Sv No 2840

Sci-Chem
Mar 67 320,905

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Retention Time Distribution and Material Transfer in Gas/Liquid Phase Reactors, by P. H. Kolbel, R.N.H. Langemann.
GERMAN, per, Chemie-Ind Tech, Vol XXXVIII, No 5, 1966, pp 564-572.
Chem Trans Sv No 2640

Sci-Chem
Mar 67 320,873

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Screw Conveyors for Plastic Masses. Processing Phenomena and Reactions, by S. Kiesskalt. GERMAN, per, Chemie Ing. Tech. Vol 38, No 5, 1966, pp 573-576.
Chem Trans Sv 2890

326,331

Sci - Mech
May 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Radiochemical Investigations of Electrochemical Pyrolucite Reduction in an Acid Electrolytes, by K. Schubert, K. Schwabe.
GERMAN, per, Chemie-Ingr-Tech, Vol 38, No 6, 1966, pp 653-657.
CRL/D. 721
Vol 17, No 3, 1969

July 69

385-157

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

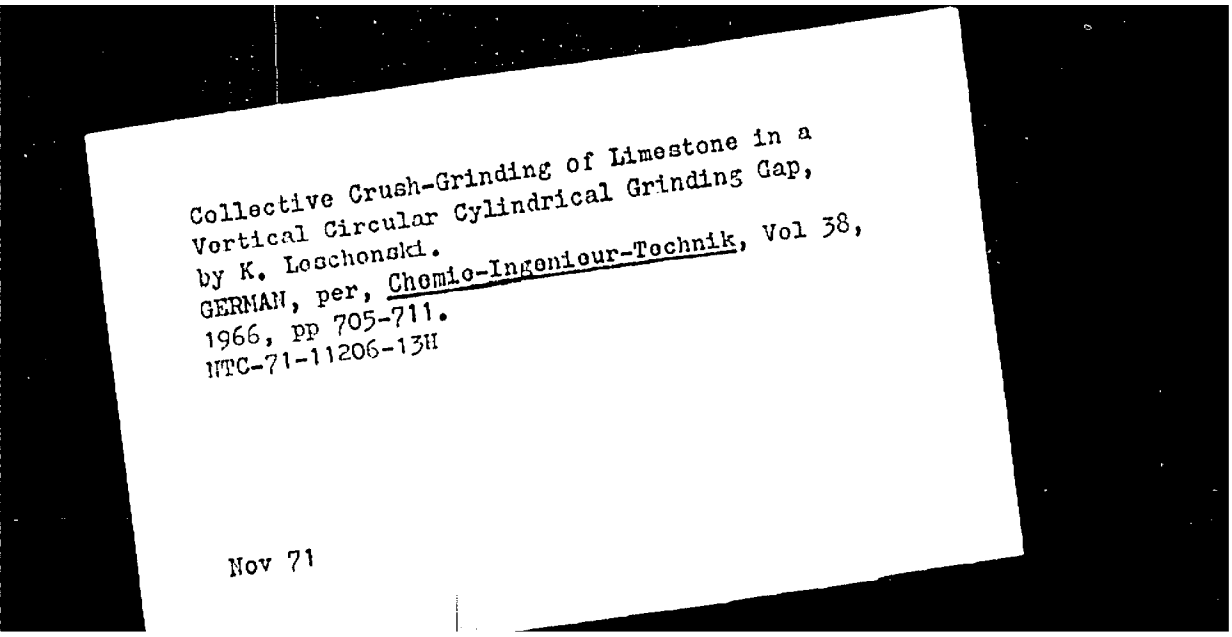
Chemie-Ingenieur-Technik

Vol 38, No 6, 1966, pp 680-682

NTC 70-10765-11I

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



Collective Crush-Grinding of Limestone in a Vertical Circular Cylindrical Grinding Gap, by K. Loschonski.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, 1966, pp 705-711.
HTC-71-11206-13H

Nov 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Technology of the Preparation of
Organic Substances With Microorganisms,
by R. Mueller.
GERMAN, per, Chemie-Ingenieur-Technik.
Vol 38, 1966, pp 813-825.
NTC 72-10536-07A

Apr 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Vertical Forces on Immersed Bodies in a Gas/Solid Material Fluidized Bed, by H. Reuter.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, 1966, pp 880-887.
NTC 72-10537-07A

Apr 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Chemical Reactions in Liquid-Ring Pumps, by H. Spes.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 9, 1966, pp 963-966.
NTC-71-12227-07A

Nov 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Cooling with Water or with Air?, by H. Kassat.
GERMAN, per, Chemie Ing. Techn., Vol 38,
No 9, 1966, pp 987-994.
NLL Ref: 6075.461 (2003)

Sci-Chem
Jan 69

373.597

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Recording Determination of the Molecular Weight Distribution of Polymers, by H.-J. Cantow, E. Seifert.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 10, 1966, pp 1032-1038.
NTC-69-16282-D7C

Sci-Chem
Feb 70

403,020

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Structural Parameters of Polyolefins and Their Significance for Applied Technology, by J. Plenikowski, O. Hahmann.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 10, 1966, pp 1063-1076.
MIC-69-16283-07C

Sci-Chem
Feb 70

403,021

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Influence of Inert Gases on the Heat Transfer in the Condensation of Vapours, by H. Schrader.
GERMAN, per, Chemie-Ing. Techn., Vol 38, No 10, 1966, pp 1091-1094.
NLL Ref: 6075.461 (1980)

Sci-Phys
Jan 69

372,593

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Design of Pressure-Release Apertures for the Protection of Plant Subject to Explosion Hazards in the Chemical Industry, by H. J. Heinrich.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 11, 1966, pp 1125-1133.
UKAEA (Loan Only)
Risley Tr-1190

326,452

Sci - Mech
May 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Safeguards Against Vibrations Damage to Heat Exchanger Tubes, by K. Uhlemann.
CHEMIAN, per, Chem Ing Technik, Vol 38, No 11, 1966, pp 1183-1186.
Windscale Tr 313 (Loan)

326,380

Sci - Mech
May 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Value of Mercury Porosimetry in Characterising Porous Materials, by H. Juntgen and M. Schwuger
GERMAN, per, Chemie-Ing. Technik, Vol 38, 1966, pp 1271-1278.
NLL Ref: 9022.046 (97)

Sci-Chemistry
July 68

360,863

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Heat Pipe, by R. Pruschek
EUROPEAN, per, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 21-26
NTC 71-16337-20H

NASA TTF-11,080

mar 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

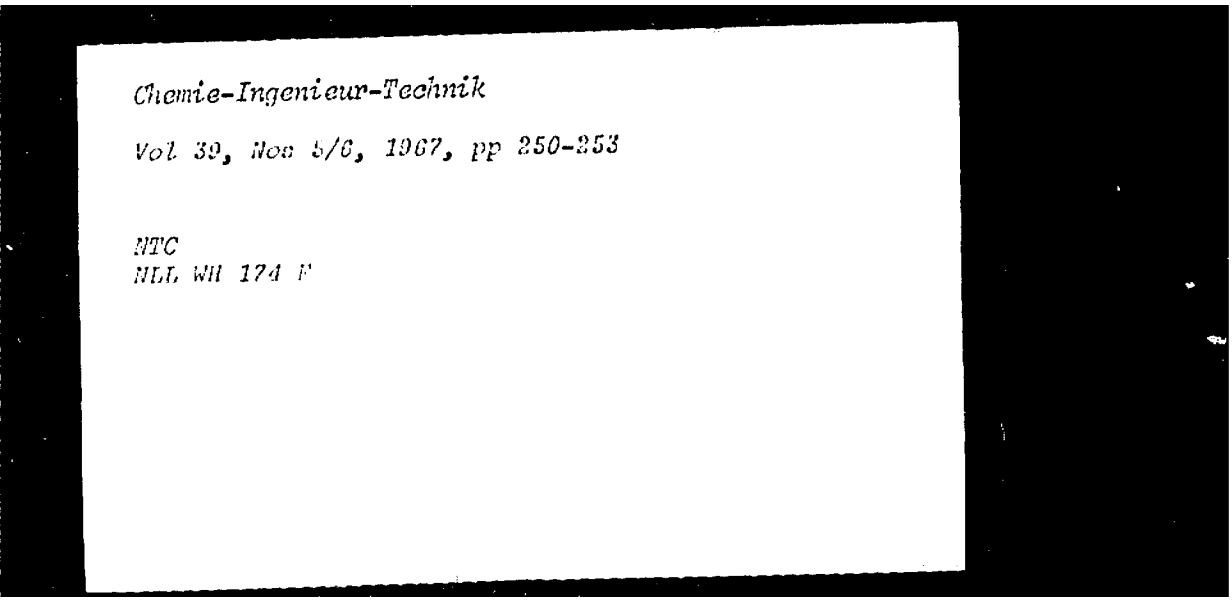
A Test of the Jet Separation Process in a Closed Circulation System, by R. Schutte, D. Seidel.
GERMAN, per, Chemie Ing. Techn, Vol 39, No 2, 1967, pp 80-84.
U.K.A.E.A. (Loan Only)
CA Tr 151

327,812

Sci - Mech
Jun 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



Chemie-Ingenieur-Technik

Vol 39, Nos 5/6, 1967, pp 250-253

NTC
NLL WH 174 F

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Optical Determination of Density Stratification
in the Critical State, by J. Straub.
GERMAN, per, Chemie Ingenieur Technik, Vol 39,
No 5/6, 1967, pp 291-296.
*AEC

Sci - Physics
Jun 67

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Centrifugal Separator Studies, by E. Muschelknautz
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 306-310
NTC 71-15115-07A

mar 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Chemie-Ingenieur-Technik

Vol 39, No 8, 1967, pp 471-476

NTC- 70-10766-07A

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

MUSCHELKNAUTZ, E. and BRUNNER, K. Investigations
cyclones.
Chemie-Ingr-Tech. 39(9/10):531-8 (1967) (SEC)

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

M. Zlokarnik

Qualification of Stirrers for the Homogenization of Liquid Mixtures
CHEMIE-INGENIEUR-TECHNIK, Vol 39, 1967, pp 539-548
NTC-72-14664-07A

Jan 1973

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Heat and Mass Transfer Between Surfaces and Impinging Jets, by E. U. Schlunder, V. Gnielinski. GERMAN, per, Chemie-Ing-Techn, No 9/10, 1967, pp 578-584.
NLL Ref: 5828.4F (M.13056)

Sci/Phys
May 69

380,258

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Dimensioning of Spray Drying Towers, by
H. G. Kessler
EUROPEAN, per, Chemie-Ingenieur-Technik,
Vol 39, 1967, pp 601-606
NTC 71-16826-07A

Feb 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Properties, Structure and Industrial Applications of Oxygen-Diffusion Electrodes, by H. Schmidt, W. Vielstich.
GERMAN, per, Chemie Ing Tech, Vol 39, 1967, pp 761-766.
NLL Ref: 9022.4 (67/293)

Sci-Phys
Aug 68

362.033

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Chemie-Ingenieur-Technik

Vol 39, No 13, 1967, pp 781-788

NTC 70-10434-20M

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Stochastic Model of Equilibrium Sorting,
by O. Molerus.
GERMAN, per, Chemie-Ingenieur-Technik, Vol
39, No 13, 1967, pp 792-796.
NTC-69-13140-07A

Sci-Che,
Sept 69

391,641

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Vibrational Criterion for a Tube Under Conditions of Transverse Incident Flow (Part I: Analogue Mechanics), by R. Gregorig, H.K.M. Andritzky.
CZECH, per, Chem Ing Tech, Vol 39, Aug 1967, pp 894-900.
CEGB Digest
C.E. Trans 4739

Sci-Phys
Dec 68

372,119

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

A New Method of Electrostatic Gas Cleanig,
by B. Bohlen, J. Luthi.
CZE[illegible]H, per, Chem Ing Tech, Vol 39, Aug
1967, pp 910-913.
CEGB Digest
C.E. Trans 4747

Sci-Meth & Equip
Dec 68 372,135

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Determination of the Dust Content in Flowing Gases with Suction Probes, by H. Bohnet.
GERMAN, per, Chem Ing Techn, Vol 39, No 16, 1967, pp 972-977.
NLL Ref 9022.27 (1008)

Sci- Phys
July 69

385-421

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

AEC/NY

R-9688-D
21 Aug 68

Bestimmung der Anzahl und Grobe von Aerosolteilchen
By: H. STRAUBEL
From: Chemie-Ing.-Techn 39 Jahrg 1967, Helt 16: 977-981
(5 pp)
German - est for words:

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APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Influence of the Catalyst in Cyclopropanization with Haloform and Ethylene Oxide, by
D. Klamann, M. Fligge.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, No 17, 1967, pp 1024-1030.
NTC-69-15981-07A

Sci-Chem
Feb 70

403,063

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Pyrochemical Processing of Breeder Reactor Fuels, by W. Knoch
GERMAN, per, Chem. Ing. Techn, Vol 39, 1967, pp 1030-1035.
NLL Ref: 9091.9F (Windscale 351)

EE-Germany
Econ
July 68

360,996

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Demixing Phenomena of High Polymers
and Their Technological Significance,
by H. Gerrens.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 39, 1967, pp 1053-1061.
NTC 72-10461-07A

Apr 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

U. Regehr

Mechanical Purification of Hetrogeneous Gas Systems by Means of a New Type of Droplet Separator.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, 1967, pp 1107-1111
NTC 72-12508-07A

sept 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Chemie-Ingenieur-Technik

Vol 39, No 20, 1967, pp 1191-1197

HTC 70-10707-07A

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Chemie-Ingenieur-Technik

Vol 39, No 21, 1967, pp 1213-1216

NTC
23W1180 (ATS)

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Determination of Pore-size Distribution in Coarsely Porous Materials by Mercury Porosometry, by B. Reich.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, No 22, 1967, pp 1275-1279.
MIC-69-16397-07A

Sci-Chem
Feb 70

403,102

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Comminuting Machines, by R. Loschonski.
GERMAN, por, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 1364-1369.
NTC-71-11201-07A

Nov 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Spraying of Liquids Through Rotating Porous Solids, by W. Gosele.
GERMAN, por, Chemie Ing. Techn., Vol 40, 1968, pp 37-43.
NLL Ref: 5828.4F (7387)

Sci-Chem
Mar 69

377,097

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Advances in the Recovery of Gypsum Mud From Phosphoric Acid Production in the Form of Semi-Hydrated Gypsum, by E. Eipeltauer.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, 1968, pp 56-61.
NTC 72-10584-07A

Apr 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Continuous Determination of Concentration of NO_2 and (NO + NO_2) in Chemical Production Plants, by H. K. Hofmeister.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, 1968, pp 61-64.
NTC-71-12671-07A

Nov 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

East European Chemical Engineering Reviewed,
by H. J. Koslowski, 12 pp.
GERMAN, per, Chemie-Ingenieur-Technik, Jan 1968,
pp 91-94.
JPRS 46,228

Sci/Mech, Ind, Civ & Mar Engr
Sept 68

365,122

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Flash Distillation .ith Mixing Condensation and Communicating Stages, by B. Kunst.
GERMAN, Per, Chem. -Ingr-Tech. Vol 40, No 3, 1968, pp 112-117.
GB 45/LB/C/9008

sci/chem
aug 69

389,779

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Measurement of Emission Variations in Turbulent Diffusion Flames, by
H. D. Simon.
GERMAN, per, Chemie Ing Techn, Vol 40,
No 3, 1968, pp 121-128.
NLL Ref: 8313.4 (5611)

Sci-Phys
Mar 69

377,044

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Operation of Fuel Cells with Impure Gases,
by H. Gruene
EUROPEAN, per, Chemie-Imgenieur-Technik,
Vol 40, 1968, pp 185-191
NTC 71-16889-07A

Feb 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Sealing and Wear Problems in Self-Lube Reciprocating Compressors, by R. Schubert, 15 pp.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 10, 1968, pp 235-241.
Dept of Navy NIC Trans 3033
NAVNIC

Sci/Mech
May 70

407,121

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Heat and Material Transfer on Impact Steaming from Field of Nozzles and Orifices, by P. Krotzsch.
GERMAN, per, Chemie-Ingr-Tech., Vol 40, No 7, 1968, pp. 339-343.
GB412/T210/MBS/68

sci-chem
aug 69

389,632

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Approximate Expression of the Temperature Dependence of the Mass-Transport Coefficients of Gases by Means of a Power Law, by R. Muller.
GERMAN, per. Chem. ing. Tech., Vol 40, No 7, 1968, pp 344-349.
NLL Ref: 8313.4 (5610)

GB 412/T 213/mcs/GY

Sci-Chem
Jan 69

373,566

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Complex Aluminium Bronzes: Corrosion, Resistance and Applications, by J. Baier. GERMAN, per, Chem Ing Tech, Vol 40, 1968, pp 365-370.
NLL Ref: 9022.4 (68/202)

Sci-Nat
May 69

380,791

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Cryotrapping of Hydrogen at 4.2°K, by
B. Schimpke.
GOVERNMENT USE ONLY
GERMAN, per, Chem Ing Tech, Vol 40, No 8,
1968, pp 392-395.
NASA TT F-12,258

Sci-Chem
Aug 69

388,720

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Numerical Calculation of Retention Times in Ideal Reactors. Comparison between Tubular Reactors and Agitator Vessel Cascade, by H. I. Joschek.
GERMANY, per, Chemie-IngrTech, No 9/10, 1968, pp. 449-456.
EZ

sci-chem
aug 69

389,630

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Vibrational Critorion for a Pipe Under Conditions of Transverse Incident Flow. Pt. 2, by H. K. M. Andritzky, R. Gregorig.
GERMAN, per, Chem. Ing. Tech., Vol 40, 1968, pp. 483-488.
NLL Ref: 9022.09 (5079)
CEC B-b 5079

sci-mech
sept 69

388,537

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Combustion in a Fluidized Bed, by L. Reh.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 40, No 11, 1968, pp 509-515.
NTC 69-10672-07A

Sci-Chem
July 69

386,681

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Influence of the Fissure Between Bent Sheet Metal and Tubes on Heat Transfer in Heat Exchange, by Herbert Fischer.
GERMAN, per, Chem Ing Tech, Vol 40(11), 1968 pp 525-528.
*AEC/ORNL-Tr-2118

Sci/ Phy
Apr 69

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Measuring Techniques for Two-phase Flow, by H. Barthels.
GERMAN, per, Chem. Ing. Tech., Vol 40, 1968, pp. 530-7.
NLL Ref: 9022.09 (5013)

Sci-Mech
July 69

327,400

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Electrolysis of Alkali Chloride, Hydrogen Chloride and Water, by K. Hass, W. Tromm. GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, No 12, 1968, pp 557-564.
NTC 69-10801-07A

Sci-Chem
May 69

4
382,496

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

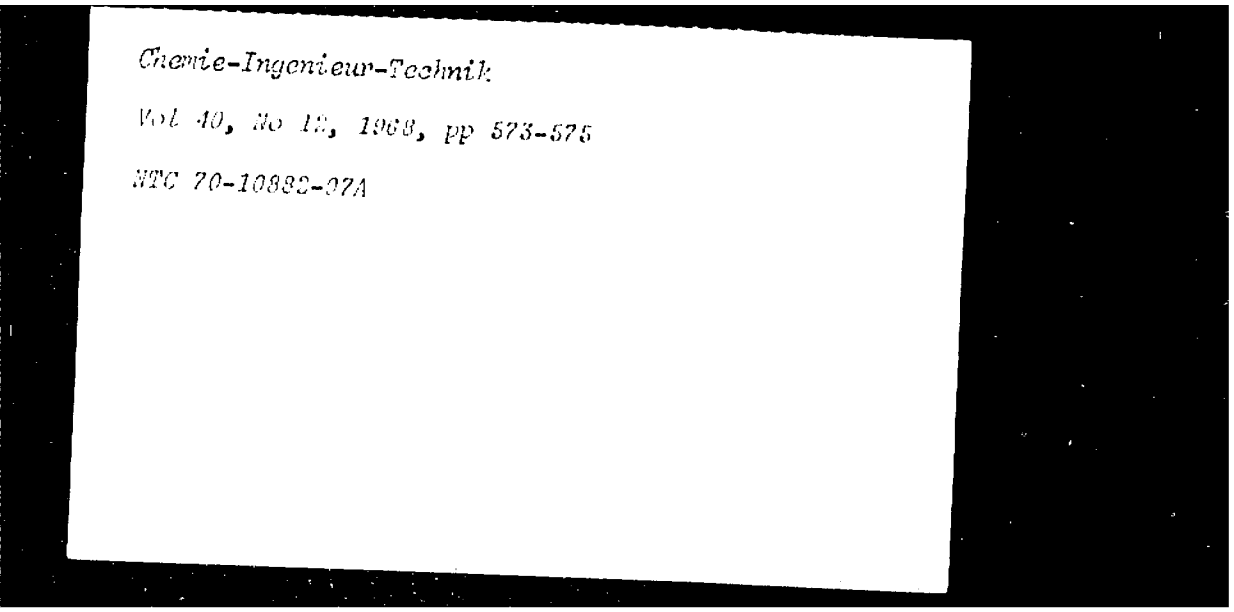
Development Tendencies in Metal Electrolysis,
by W. Schutz.
GERMAN, per, Chemie-Ing-Tech, Vol 40, No 12,
1968, pp 570-572.
CEGB
O.A. 704

Sci-Calc
Oct 69

394,602

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Vibrational Criteria for a Pipe under Conditions of Transverse Incident Flow. Part 3: Experiments on Vibration in Bundled Tubes, by A. Konig and R. Gregorig.
GERMAN, per, Chemie Ing Technik, Vol 40, 1968, pp 645-650.
CEGB-Tr 5063

NLL R/: 900209(5063)

Sci/Phys
Jun 69

384,519

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

AIS

1478-GJ POLYMERIZATION REACTIONS IN INDUSTRY, G. Daumiller, Chem. Ingr.-Tech. 40, No. 14, 673-82 (1968). Presentation of kinetics followed by industrial processes; soln., pptn., bead & emulsion polymerization.
7200 W; 3 T; 15 F; 56 R $23.50 ($5.00)

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Concentration Variations in Isothermal Jets and in Flames, by L. Ebrahimi.
GERMAN, per, Chem Ing Tech, Vol 40, No 15, 1968, pp 769-771.
NLL Ref 8313.4 (5644)

Chem
July 69

385-366

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

RAO, N. Determination of stability limits of flames.
Chemie-Ingr-Tech. 40(15):771-3 (1968) (GB 10/5102)

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Turbulent Swirling Flames, by P. Maier.
GERMAN, pre, Chemie-Ingr-Tech, Vol 40, No 16,
1968, pp 800-806.
GB 321/330

Sci-Chem
Sept 69

392,879

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

HUMMEL, H. New magnetic oxygen meter with a very sho
response time and high selectivity.
Chemie-Ingr-Tech. 40(19):947-51 (1968) (GB 10/5304)

C. E. Trans 5304

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Mass Transport Between non-miscible Liquids,
by M. G. Frohberg.
GERMAN, per, Chemie-Ingr-Tech, Vol 40, No 20,
1968, pp 981-987.
GB 39/HO 2995

Sci-Chem
Sept 69

392,878

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

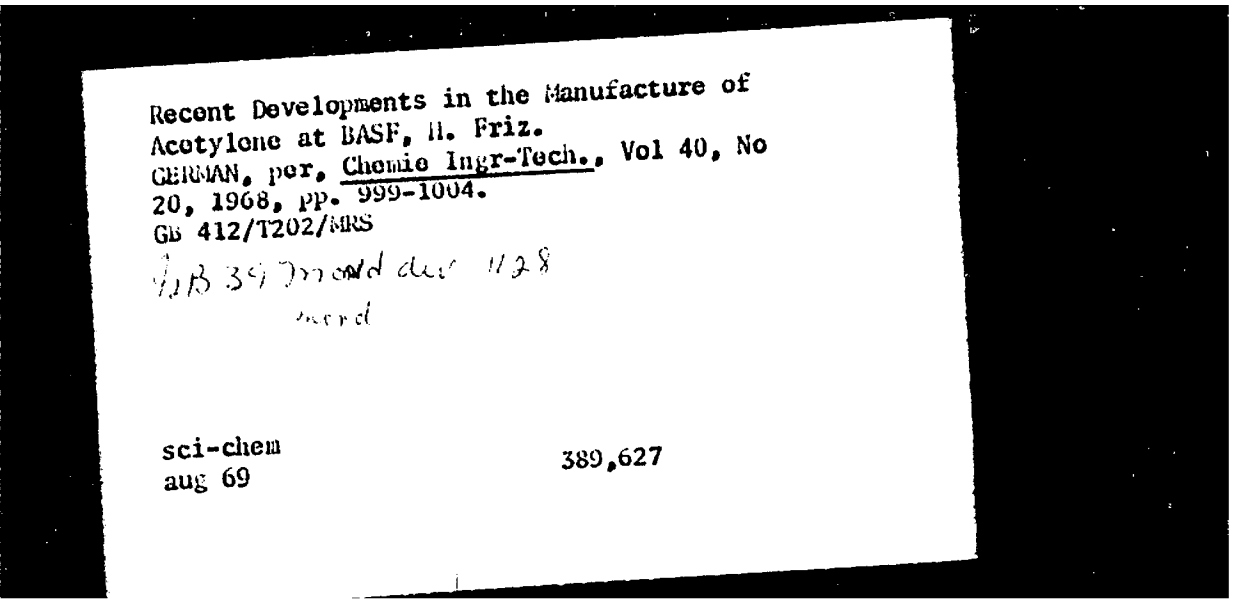
Influence of the Number of Rows of Tubes on the Pressure Loss and Heat Transfer of Banks of Tubes at High Reynolds Numbers, by F. Scholz.
GERMAN, per, Chem Ing Tech, Vol 40, No 20, 1968, pp 988-995.
GB 39/HO 2993

Sci-Chem
Dec 69

398,190

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



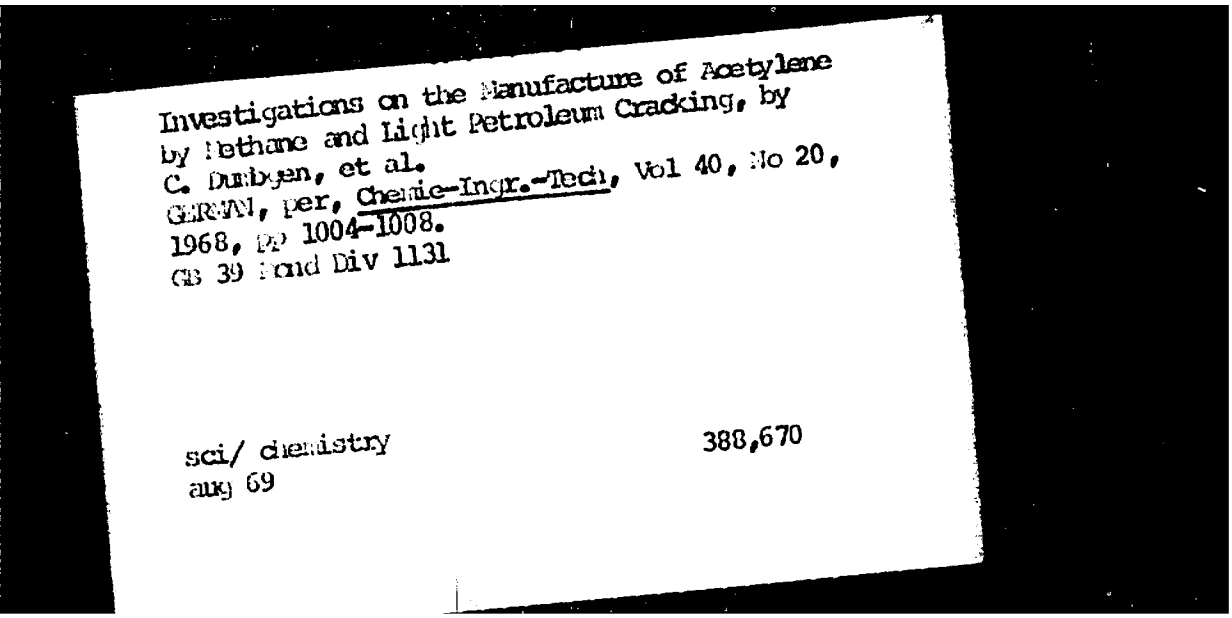
Recent Developments in the Manufacture of Acetylene at BASF, H. Friz.
GERMAN, per, Chemie Ingr-Tech., Vol 40, No 20, 1968, pp. 999-1004.
GB 412/T202/MRS

sci-chem
aug 69

389,627

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



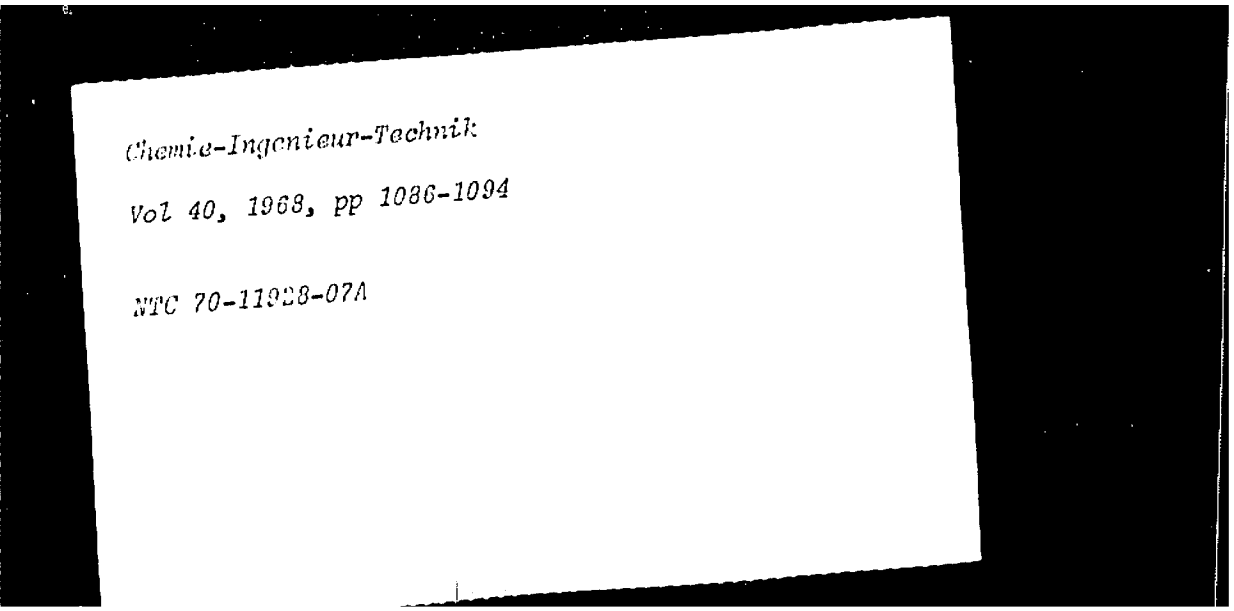
Investigations on the Manufacture of Acetylene by Methane and Light Petroleum Cracking, by C. Dunbgen, et al.
GERMAN, Per, Chemie-Ingr.-Tech, Vol 40, No 20, 1968, pp 1004-1008.
GB 39 Fnd Div 1131

sci/ chemistry
aug 69

388,670

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



Chemie-Ingenieur-Technik

Vol 40, 1968, pp 1086-1094

NTC 70-11028-07A

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Extraction of Sulfur From Hydrogen Sulfide by the Claus-Process, by S. Peter.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 41, 1969, pp 1-7.
NTC-71-12306-07A

Nov 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Production of Alloyed and Unalloyed Iron Powders by Melt Atomization, by M. Michalke, GERMAN, per. Chemie-Ing. Techn, 41, 1969, pp 16-22.
BISI 9450
NTC 72-60327-117

Mar 72

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Wear-Resistant and Corrosion-Resistant Hard Surfacing Powders for the Chemical Industry, by A. Baumel, W. Adamitsch,
GERMAN, per, Chem Ing Techn, Vol 41, No 1-2, 1968, pp 22-26.
NLL Ref: 9022.401 (746/145)

Sci/Chem
Mar 70

401,924

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Limits of Energy Transport in Heat Pipes, by
K. Moritz, R. Pruschek, 25 PP.
GERMAN, per, Chemie-Ing Techn, 41, No 1&2, 1969
pp 30-37.
ARM/RSIC-1003-70
GOVERNMENT USE ONLY

Sci/Chem
Nov 70

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

A Heat Pipe of New Design: The Threaded Artery Heat Pipe, by K. Moritz, 9 pp.
GERMAN, per, Chem Ing Techn, Vol 41, No 1&2, 1969 pp 37-40.
ARM/RSIC-1011-70
GOVERNMENT USE ONLY
NASA Special

Sci/Mech
Nov 70

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Comparison Between Vapor Compression and Flash Evaporation. Economic Consideration of the Production of Fresh Water from Sea Water for Plants with an Output Up to 2000 M^3/day, by A. Schwayer.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 41, No 3, 1969, pp 100-103.
NLL Ref:9091.9F (WH Trans 259)

Sci-Chem
Feb 70

401,552

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

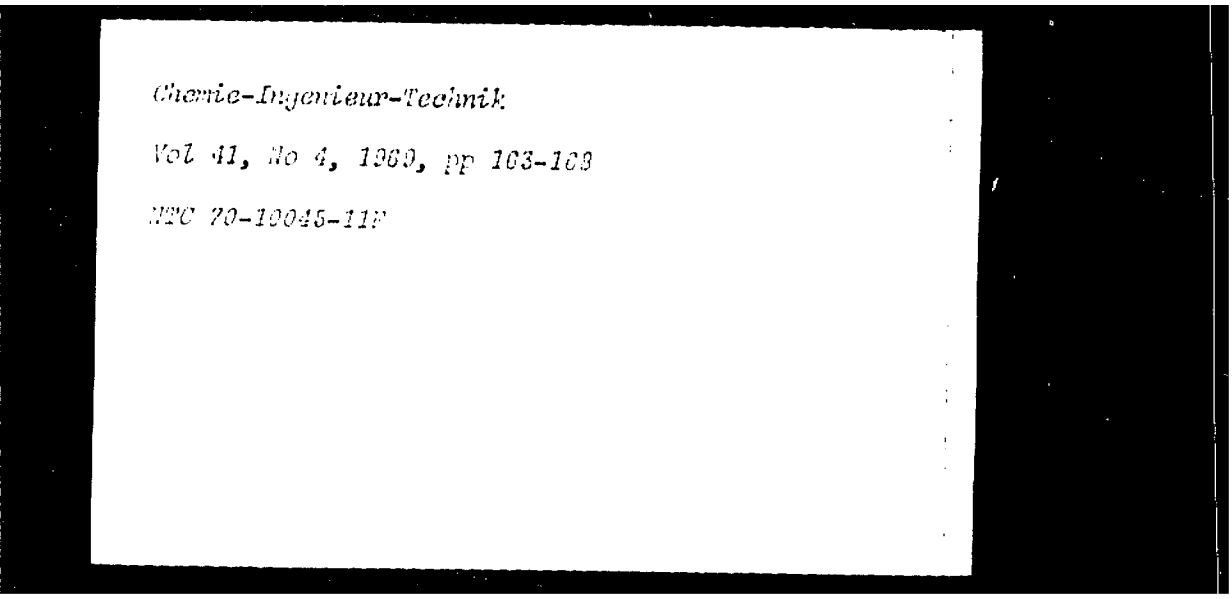
APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Economic Aspects of Electrochemical and Electrothermal Processes, by W. Hilger.
GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4, 1969, pp 154-158.
CEGB
O.A. 1001

Sci-Elec
Oct 69 394,609

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9



Chemie-Ingenieur-Technik

Vol 41, No 4, 1969, pp 103-109

NPC 70-10045-11P

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Application of Night-current to Electrolysis,
by W. Schulz.
GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4,
1969, pp 178-179.
CEGB
O.A. 1005

Sci-Elec
Oct 69

394,611

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

The Power Requirement of Electrochemical and Electrothermal Processes, by H. Walde. GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4, 1969, pp 185-190.
CEGB
O.A. 920

Sci-Elec
Oct 69 394,607

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

GLADLISCH, H. Production of acetylene in an electric ar
Chemie-Ingr-Tech. 41(4):204-8 (1969)
(GB 412/T345/MRS/69)

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Future Prospects for Electrochemical Engineering,
by N. Ibl.
GERMAN, per, Chemie-Ing-Tech, Vol41, No 4, 1969,
pp 208-214.
CEGB
O.A. 1000

Sci-Elec
Oct 69

394,608

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Effect of Electricity Cost on Manufacturing Costs in Electrolysis, by A. Schmidt.
GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4, 1969, pp 215-218.
CEGB
O.A. 919

Sci-Elec
Oct 69 394,606

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Consequences of the Cheapening of Energy in Electrochemistry and Electroheat.
GERMAN, per, Chemie-Ing-Tech, Vol 41, No 4, 1969, pp 221-222.
CBGB
O.A. 1004

Sci-Elec
Oct 69

394,610

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9

Effect of Droplet Size on Combustion of Fuel Oil, by B. Michel.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 41, No 5, 1969, pp 339-340.
CEGB-5568D

June 71

APPROVED FOR RELEASE: Thursday, August 28, 2003 CIA-RDP91-00929R000100250041-9